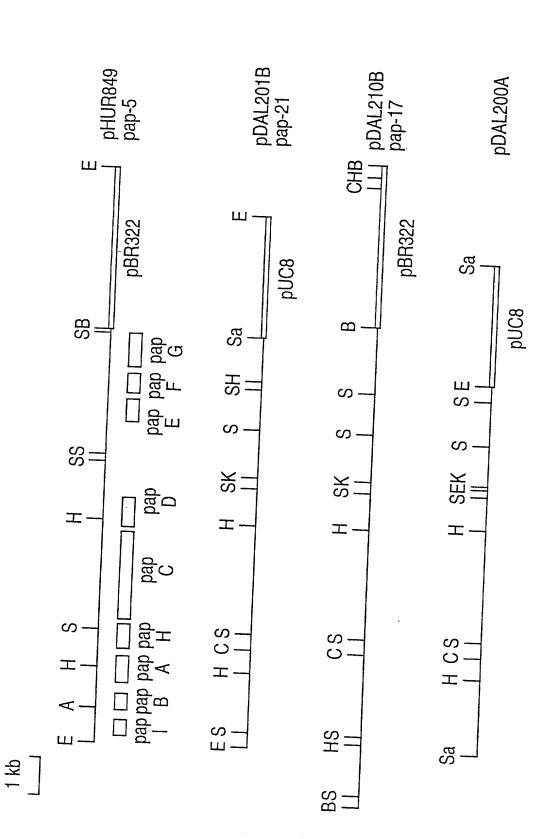
Title. IMMUNOGENIC PILI PRESENTING FOREIGN PEPTIDES, THEIR PRODUCTION AND USE Inventor(s): Peter O'Hanley et al

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Appl. No.: 09/833,079



1/8



## Title. IMMUNOGENIC PILI PRESENTING FOREIGN PEPTIDES, THEIR PRODUCTION AND USE Inventor(s): Peter O'Hanley et al. Appl. No.: 09/833,079

2/8

### FIG. 2A

1	ATGAGACTGCGATTCTCTGTTCCACTTTTCTTTTTTTGGCTGTGTTTTTTTT	60
61	TTTGCCGGTCCGTTTCCTCCGCCCGGCATGTCCCTTCCTGAATACTGGGGAGAAGAGCAC F A G P F P P G M S L P E Y W G E E H -1 +1	120
121	GTATGGTGGGACGGCAGGGCTGCTTTTCATGGTGAGGTTGTCAGACCTGCCTG	180
181	GCGATGGAAGACGCCTGGCAGATTATTGATATGGGGGAAACCCCGGTACGGGATTTACAG A M E D A W Q I I D M G E T P V R D L Q	240
241	ATTGGTTTCTCCGGACCTGAAAGAAAATTCAGCCTCCGGCTCAGGAATTGTGAATTTAAC N G F S G P E R K F S L R L R N C E F N	300
301	AGTCAGGGTGGGAACCTTTTCTCTGATTCCCGGATAAGGGTGACTTTCGATGGCGTCCGG S Q G N L F S D S R I R V T F D G V R	360
361	GGTGAAACGCCGGATAAGTTTAATTTATCCGGTCAGGCAAAAGGCATTAATCTGCAGATA G E T P D K F N L S G Q A K G I N L Q I	420
421	GCTGATGTCAGGGGAAATATTG <u>CCCGGG</u> CAGGAAAAGTAATGCCTGCAATACCATTGACG A D V R G N I A R A G K V M P A I P L T	480
481	GGTAATGAAGAAGCGCTGGATTACACCCTCAGAATTGTGAGAAACGGAAAAAAACTTGAA G N E E A L D Y T L R I V R N G K K L E	540
541	GCCGGAAATTATTTTGCTGTGCTGGGATTCCGGGTCGATTATGAGTGA 588 A G N Y F A V L G F R V D Y E *	

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3/8

## FIG. 2B

1	ATGAGACTGCGATTCTCTGTTCCACTTTTCTTTTTTTGCTGTGTTTTGTTCATTGTGTT M R L R F S V P L F F C C V F V H C V -22	60
61	TTTGCCGGTCCGTTTCCTCCGCCCGGCATGTCCCTTCCTGAATACTGGGGAGAAGAACAC F A G P F P P G M S L P E Y W G E E H -1 +1	120
121	GTATGGTGGGACGGCAGGGCTGCTTTTCATGGTGAGGTTGTCAGACCTGCCTG	180
181	GCGATGGAAGACGCCTGGCAGATT <u>ATCGAT</u> ATGGGGGAAACCCCGGTTCGGGATTTACAG A M E D A W Q I I D M G E T P V R D L Q	240
241	ATTGGTTTCTCCGGACCTGAAAGAAAATTCAGCCTCCGGCTCAGGAACTGTGAATTTAAC N G F S G P E R K F S L R L R N C E F N	300
301	AGTCAGGGTGGGAACCTTTTCTCTGATTCCCGGATAAGGGTGACTTTCGATGGCGTCCGG S Q G N L F S D S R I R V T F D G V R	360
361	GGTGAAACGCCGGATAAGTTTAATTTATCCGGTCAGGCAAAAGGAATTAATCTGCAGATA G E T P D K F N L S G Q A K G I N L Q I	420
421	GCTGATGCCAGGGGAAATATTG <u>CCCGGG</u> CAGGGAAAGTAATGCCTGCAATACCATTGACG A D A R G N I A R A G K V M P A I P L T	480
481	GGTAATGAAGAAGCGCTGGATTACACCCTCAGAATTGTGCGAAAACGGAAAAAAACTTGAA G N E E A L D Y T L R I V R N G K K L E	540
541	GCCGGAAATTATTTTGCCGTGCTGGGATTCCGGGTCGATTATGAGTGA 588 A G N Y F A V L G F R V D Y E *	

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4/8

## FIG. 2C

1	ATGAGACTGCGATTCTCTGTTCCACTTTTCTTTTTTTGCTGTGTTTTGTTCATGGTGTT  M R L R F S V P L F F F C C V F V H G V -22	60
61	TTTGCCGGTCCGTTTCCTCCCGGCATGTCCCTTCCTGAATACTGGGGAGAAGAGCAC F A G P F P P P G M S L P E Y W G E E H -1 +1	120
121	GTATGGTGGGACGGCAGGGCTGCTTTTCATGGTGAGGTTGTCAGACCTGCCTG	180
181	GCGATGGAAGACGCCTGGCAGATTATCGATATGGGGGAAACCCCGGTTCGGGATTTACAG A M E D A W Q I I D M G E T P V R D L Q	240
241	ATTGGTTTTTCCGGACCTGAAAGAAAATTCAGCCTCCGGCTCAGGAACTGTGAATTTAAC N G F S G P E R K F S L R L R N C E F N	300
301	AGTCAGGGTGGGAACCTTTTCTCTGATTCCCGGATAAGGGTGACTTTCGATGGCGTCCGG S Q G N L F S D S R I R V T F D G V R	360
361	GGTGAAACGCCGGATAAGTTTAATTTATCCGGTCAGGCAAAAGGCATTAATCTGCAGATA G E T P D K F N L S G Q A K G I N L Q I	420
421	GCTGATGCCAGGGGAAATATTG <u>CCCGGG</u> CAGGGAAAGTAATGCCTGCAATACCATTGACG A D A R G N I A R A G K V M P A I P L T	480
481	GGTAATGAAGAAGCGCTGGATTACACCCTCAGAATTGTGAGAAACGGAAAAAAACTTGAA G N E E A L D Y T L R I V R N G K K L E	540
541	GCCGGAAATTATTTTGCCGTGCTGGGATTCCGGGTCGATTATGAGTGA 588 A G N Y F A V L G F R V D Y E *	

### Title: IMMUNOGENIC PILI PRESENTING FOREIGN PEPTIDES, THEIR PRODUCTION AND USE Inventor(s): Peter O'Hanley et al. Appl. No.: 09/833,079

5/8

## FIG. 2D

1	ATGAGACTGCGATTCTCTGTTCCACTTTTCTTTTTTTGCTGTGTTTTTTTT	60
61	TTTGCCGGTCCGTTTCCTCCGCCCGGCATGTCCCTTCCTGAATACTGGGGAGAAGAACAC F A G P F P P G M S L P E Y W G E E H -1 +1	120
121	GTATGGTGGGACGGCAGGGCTGCTTTTCATGGTGAGGTTGTCAGACCTGCCTG	180
181	GCGATGGAAGACGCCTGGCAGATTATCGATATGGGGGAAACCCCGGTTCGGGATTTACAG A M E D A W Q I I D M G E T P V R D L Q	240
241	ATTGGTTTTTCCGGACCTGAAAGAAAATTCAGCCTCCGGCTCAGGAACTGTGAATTTAAC N G F S G P E R K F S L R L R N C E F N	300
301	AGTCAGGGTGGGAACCTTTTCTCTGATTCCCGGATAAGGGTGACTTTCGATGGTGTCCGG S Q G G N L F S D S R I R V T F D G V R	360
361	GGTGAAACGCCGGATAAGTTTAATTTATCCGGTCAGGCAAAAGGCATTAATCTGCAGATA G E T P D K F N L S G Q A K G I N L Q I	420
421	GCTGATGCCAGGGGAAATATTGCCCGGGCAGGGAAAGTAATGCCTGCAATACCATTGACG A D A R G N I A R A G K V M P A I P L T	480
481	GGTAATGAAGAAGCGCTGGATTACACCCTCAGAATTGTGCGAAACGGAAAAAAACTTGAA G N E E A L D Y T L R I V R N G K K L E	540
541	GCCGGAAATTATTTTGCCGTGCTGGGATTCCGGGTCGATTATGAGTGA 588 A G N Y F A V L G F R V D Y E *	

#### Title. IMMUNOGENIC PILI PRESENTING FOREIGN PEPTIDES, THEIR PRODUCTION AND USE

Inventor(s): Peter O'Hanley et al. Appl. No.: 09/833,079

FIG. 3	6/8	
pHUR849 pDAL200A	1 ATGAGACTGCGATTCTCTGTTCCACTTTTCTTTTTTGGCTGTGTTTTGTTCATGGTGTT t	0
pDAL201B pDAL210B pHUR849	t t 12 TTTGCCGGTCCGTTTCCTCCGCCCGGCATGTCCCTTCCTGAATACTGGGGAGAAGAGCAC	0
pDAL200A pDAL201B pDAL210B	t a t 121 . 18	10
pHUR849 pDAL200A pDAL201B pDAL210B	GTATGGTGGGACGGCAGGGCTGCTTTTCATGGTGAGGTTGTCAGACCTGCCTG	٥
pHUR849 pDAL200A pDAL201B	181 24 GCGATGGAAGACGCCTGGCAGATTATTGATATGGGGGAAACCCCGGTACGGGATTTACAG c t c t	·U
pDAL210B pHUR849 pDAL200A pDAL201B	241 C TO THE TOTAL TOTAL TO THE TOTAL TOTAL TO THE TOTAL TOTAL TOTAL TO THE TOTAL TOTA	0
pDAL210B pDAL210B pHUR849 pDAL200A	301 t c 36 AGTCAGGGTGGGAACCTTTTCTCTGATTCCCGGATAAGGGTGACTTTCGATGGCGTCCGG	0
pDAL201B pDAL210B pHUR849	361 t 42 GGTGAAACGCCGGATAAGTTTAATTTATCCGGTCAGGCAAAAGGCATTAATCTGCAGATA	0
pDAL200A pDAL201B pDAL210B	421 48	10
pHUR849 pDAL200A pDAL201B pDAL210B	GCTGATGTCAGGGGAAAATATTGCCCGGGCAGGAAAAGTAATGCCTGCAATACCATTGACG c g c g c g 481 c g	LN.
pHUR849 pDAL200A pDAL201B pDAL210B	GGTAATGAAGAAGCGCTGGATTACACCCTCAGAATTGTGAGAAACGGAAAAAAACTTGAA C C	·
pHUR849 pDAL200A pDAL201B	GCCGGAAATTATTTTGCTGTGCTGGGATTCCGGGTCGATTATGAGTGA  C C C	

Title: IMMUNOGENIC PILI
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7/8

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8/8

